



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 02**

Ref: PSER:SCT:FKK-B733:TCN-02

Date: 20-03-2007

Sub	Tender change notice (TCN) 02.	
Job	Erection, testing, commissioning, handing over etc of boiler & aux for 1x500 MW unit # 6 at Farakka STPP, West Bengal.	
Ref	1.0	Tender no PSER:SCT:FKK-B733:07.
	2.0	BHEL's NIT vide reference no PSER:SCT:FKK-B733:0815, dated 12-02-07.
	3.0	BHEL's TCN-01 vide reference no PSER:SCT:FKK-B733:TCN-01, dated 02-03-07.

With reference to above, following points, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 Clarification/ changes to tender terms as per enclosed Annexure-A.
- 2.0 No deviation certificate has been revised and the same is attached as Annexure-2. You shall submit no deviation certificate as per revised format while submitting offer.
- 3.0 Due date of submission of offer is extended from 26-03-2007 to **06-04-2007**.
- 4.0 All other terms & conditions shall remain unchanged.

Based on above, offer shall be submitted by due date.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

DGM (SCT)

Encl: As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691

**FORMAT FOR NO DEVIATION CERTIFICATE**  
**(To be submitted in the bidder's letter head)**

BHARAT HEAVY ELECTRICALS LIMITED,  
Power Sector - Eastern Region,  
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,  
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Erection, testing, commissioning, handing over etc of boiler & aux for 1x500 MW unit # 6 at Farakka STPP, West Bengal.	
Ref	01	BHEL's NIT vide reference no PSER:SCT:FKK-B733:0815, dated 12-02-07.
	02	Tender no PSER:SCT:FKK-B733:07.
	03	BHEL's TCN-01 vide reference no PSER:SCT:FKK-B733:TCN-01, dated 02-03-07.
	04	BHEL's TCN-02 vide reference no PSER:SCT:FKK-B733:TCN-02, dated 20-03-07.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website and in case of observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT and confirm our acceptance to reverse auctioning process and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender and NIT.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer strictly in accordance with tender instructions.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized  
representative of the bidder)

<b>ANNEXURE-A to TCN-02</b>		
<b>Job</b> - Erection, testing, commissioning, handing over etc of boiler & aux for 1x500 MW unit # 6 at Farakka STPP, West Bengal.		
<b>Tender no</b> - PSER:SCT:FKK-B733:07		
<b>Sl no</b>	<b>Clause/ sl no</b>	<b>Clarification</b>
<b>1.0 Volume-ID</b>		
1.0	Appendix-III, sl no 01	Shall be read as follows.  '250MT or above capacity crawler crane.'
2.0	Appendix-III	In case deployment period of the high capacity crane or the other cranes provided by BHEL as per Appendix-III of Volume-1D is extended for delay in execution of the work for reasons attributable to the contractor, the additional expenditure to be incurred by BHEL shall be borne by the contractor and shall be recoverable from the contractor's RA bills.
3.0	Appendix-III, sl no 08	Sl no 08 is added to Appendix-III as per following.  75T crawler/ tyre mounted crane or equivalent (01 no) may be provided by BHEL free of cost on sharing basis throughout the contract period.  However, it may be noted that contractor shall deploy 1st 75MT crane as indicated in Appendix-IV of Volume-1D before requisitioning for this 75MT crane from BHEL.
4.0	Appendix-IV, sl no 01	It may be noted that the 1st 75MT crane is to be deployed from the 1st month for starting boiler erection. The 2nd crane shall be deployed as per requirement (after drum lifting) for pre-assembly and erection of structures, ducting and other auxiliaries of boiler which shall be as per direction of site-in-charge, BHEL/ Farakka.
5.0	Appendix-IV	As per this schedule, contractor's responsibility is to deploy strand jack for drum lifting. It is clarified that approximate weight of drum is 240 MT including U-rod & rocker and elevation is 78 mtr (drum centre line). Exact details will be furnished during execution.
6.0	Appendix-IV	Following clarifications may be noted.  In case the contractor delays the deployment of major T&Ps in deviation to the specified schedule or remains under break down for a period of more than 7 days causing the work to suffer, BHEL shall recover amounts as per following rates.  a. 75T capacity crane - Rs 11,000.00/ day of delay. b. 40T/ 25T capacity crane - Rs 2,000.00/ day delay. c. 8T/ 10T/ 12T/ 18T capacity crane - Rs 1,000.00/ day delay. d. Passenger cum goods elevator - Rs 3,500.00/ day delay.  In case the delay in deployment of the above is due to force majeure condition, the above recovery shall not be applicable. If the contractor fails to set right his handling equipments and T&P in time, as stated in the schedule, BHEL shall have the right to hire these equipments from other sources and give it to the contractor if found necessary for the work. All the expenditure incurred in this regard along with overhead as per BHEL norms or the recovery rates indicated above whichever is higher shall be recovered from the contractor's RA bill. The requirement of the T&Ps deployed by the contractor for the work shall be reviewed by Construction Manager after sufficient work progress is made during execution of the contract including extensions, if any and BHEL may accord permission for release of the cranes based on requirement for the work.
7.0	3.3	Regarding further clarification, please refer clause no 2.1.8.1 of Volume-II.
8.0	4.9.5	The clause stands deleted.
9.0	9.5	It may be noted that construction & drinking water under shall be free of charge.
10.0	10.1.3	It is clarified that the high capacity crane referred here is the crane indicated at sl no 01 of Appendix-III.
11.0	10.1.7	The clause stands modified as follows.  'The fuel for the cranes provided by BHEL shall be provided by BHEL free of cost.'

Sl no	Clause/ sl no	Clarification
12.0	16.0	It is clarified that Service Tax and Educational Cess on Service Tax as applicable on output services are excluded from contractor's scope. Therefore, contractor's rate/ price shall be exclusive of Service Tax and Educational Cess on output services. In case these taxes becomes mandatory for the contractor under provisions of tax laws, then the contractor shall collect the Service Tax & Educational Cess from BHEL and deposit the same with the concerned authorities. The contractor shall submit documentary evidence of Service Tax registration and remittance record immediately after depositing the same with concerned authorities. The contractor shall obtain prior written consent from BHEL before billing the amount towards such taxes. BHEL shall disburse the amount towards Service Tax and Educational Cess of a month on receipt of the documentary evidence/ records of Service Tax & Educational Cess deposition to the authorities by the contractor for the preceeding month. The contractor shall be responsible for any delay in depositing such tax and shall bear any consequential charges on account of the same.
13.0	18.2	Following additional requirement is added to this clause.  'Based on requirement of the project commissioning target, the schedule may be required to be squeezed by the contractor for which additional resource mobilization will be required. The contractor has to augment all necessary resources to complete the balance works for achieving such targets of advancement of the completion schedule or the intermediate milestone schedules by 20 % and no extra payment shall be made for this. If the schedule compression required is more than 20 %, BHEL will provide additional T&Ps required without any charge to the contractor and the contractor has to provide/ augment matching resources like manpower, consumables etc at his cost. The extent of resource augmentation required will be reviewed by Construction Manager, BHEL, Farakka site with the contractor before finalizing deployment.
14.0	25.13	The clause stands modified as follows.  'Payments for all extra works for repair/ rectification/ reworks of damages and fabrication of materials lost will be as per provisions of relevant clause of this tender.'
15.0	25.2	Clause no referred as 13.1 in this clause shall be read as clause no 25.1.
16.0	25.10	It may be noted that the tender provision shall prevail. It is clarified that man-hour rate with & without consumables indicated in the tender are also Rs 40.00 & Rs 25.00. Further change is not possible.
<b>2.0 Volume-II</b>		
1.0	7.1.2	The scope of unloading of the ring headers stands deleted.
2.0	4.16	It is clarified that the radiography source may be X-ray, gamma ray or cobalt as per direction of BHEL engineer.
3.0	7.1.21	The clause shall be read as follows.  'Erection of elevator structure including its bracings, connecting members and cladding.'
<b>4.0 General</b>		
1.0	The contractor shall arrange a temporary store near the site of erection for temporary storage of small materials like fasteners, gaskets, valve and fittings and other instruments. The necessary structural steel, sheeting, racks etc. for this work shall be arranged by the contractor at his cost.	
2.0	VIS for ID, PA and FD Fans are to be erected by the contractor as per direction and supervision of BHEL engineer as part of the work. The payment for this shall be made as per the quoted rate for non-pressure parts. The weight indicated in the suppliers document shall be considered for payment purpose.	
3.0	Suitable land as per availability will be provided free of cost to contractor for storage of boiler drum & other accessories. However, contractor shall do necessary levelling, if required.	
4.0	It shall be the responsibility of contractor to maintain IBR formalities as per IBR rules/ guidelines and contractor shall co-ordinate with authorities for obtaining approval of drawings, inspection.	
5.0	While finish painting is excluded from the scope of contractor, touch-up painting & preservative painting are included in the scope of contractor.	
6.0	All other terms and conditions of the tender shall remain unchanged.	